

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042189.D
 Acq On : 13 Aug 2019 20:24
 Operator : HP/JU
 Sample : K4215-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOB5

Manual Integrations
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 8/20/2019 8:36:03 AM

Quant Time: Aug 14 11:56:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	68151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	280963	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	196472	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	396647	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	414956	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	491545	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4752	3.05	ng/uL	0.00
5) Phenol-d5	7.18	99	113962	21.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	63635	21.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	107301	23.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	104627	23.30	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	56483m	26.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	66160	26.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	125711	25.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	168023	30.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	360785	23.68	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	427663	24.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	37816	14.78	ng/ul	0.00
57) Fluorene-d10	15.68	176	326417	24.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	24903	9.79	ng/ul	0.00
70) Anthracene-d10	17.55	188	502438	26.40	ng/ul	0.00
78) Pyrene-d10	19.83	212	569874	24.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	653559	25.45	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.21	94	12668	2.295	ng/ul 93
28) Naphthalene	10.90	128	35906	2.500	ng/ul# 82
34) 2-Methylnaphthalene	12.51	142	443108	38.813	ng/ul 100
44) Dimethylphthalate	14.13	163	80625	5.329	ng/ul# 94
49) Acenaphthene	14.75	153	37458	3.049	ng/ul 91
58) Fluorene	15.74	166	62898	4.259	ng/ul# 94
69) Phenanthrene	17.49	178	248308	11.435	ng/ul 96
75) Di-n-butylphthalate	18.40	149	45105	2.006	ng/ul# 97
76) Fluoranthene	19.50	202	48590	1.937	ng/ul 97
79) Pyrene	19.86	202	63814	2.286	ng/ul# 95
83) Bis(2-ethylhexyl)phthalate	21.61	149	492926	32.883	ng/ul 98
84) Chrysene	21.77	228	31325	1.167	ng/ul# 91
86) Di-n-octyl phthalate	22.85	149	42155m	1.733	ng/ul
87) Benzo(b)fluoranthene	23.96	252	32355	1.049	ng/ul# 83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

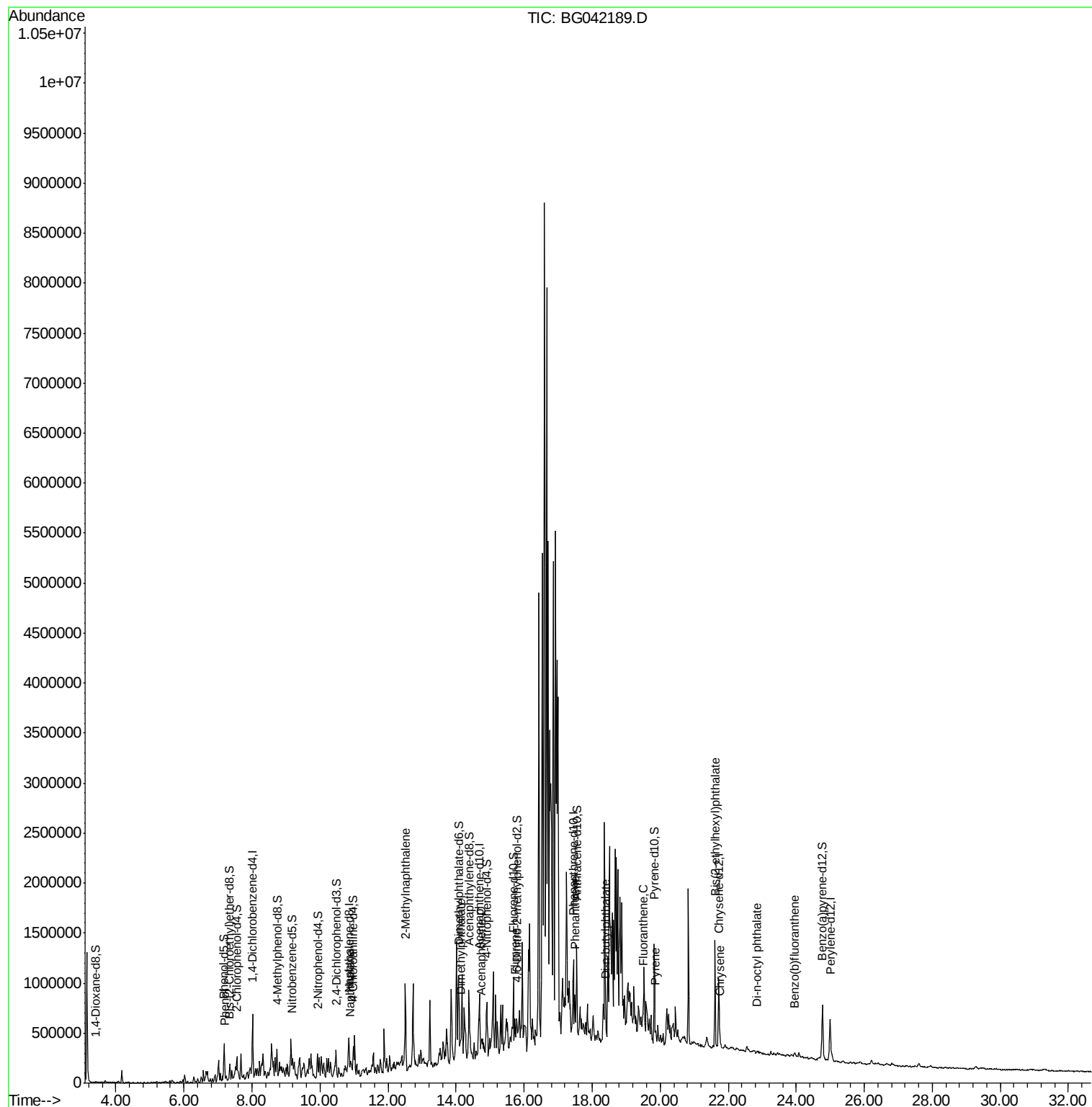
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

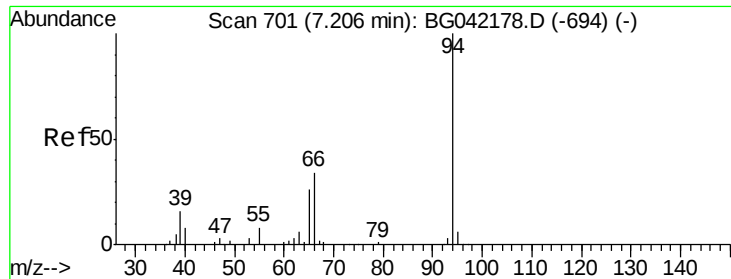
Instrument :
BNA_G
ClientSampleId :
ETOB5

Quant Time: Aug 14 11:56:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 02:56:59 2019
Response via : Initial Calibration

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#6

Phenol

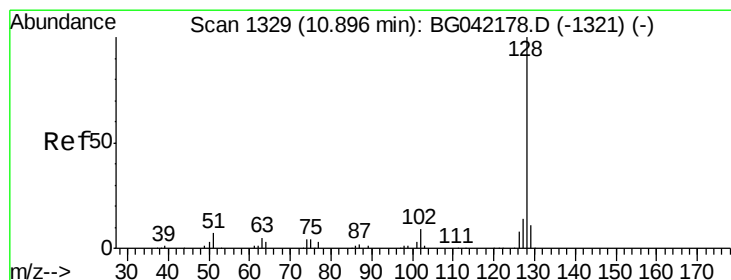
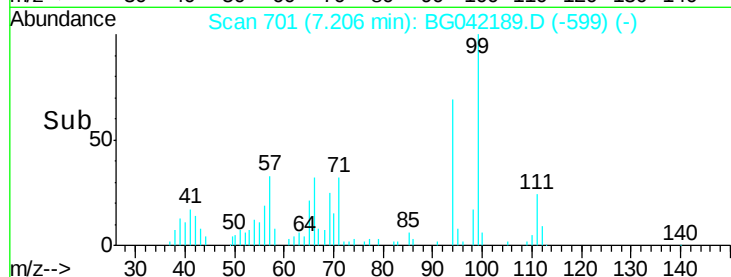
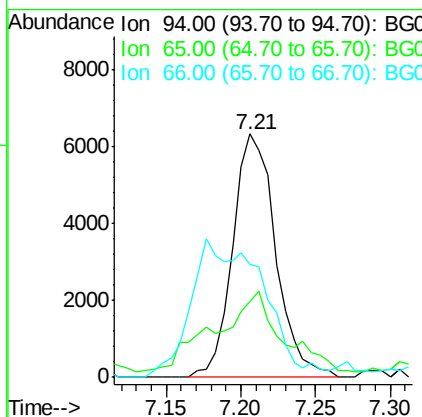
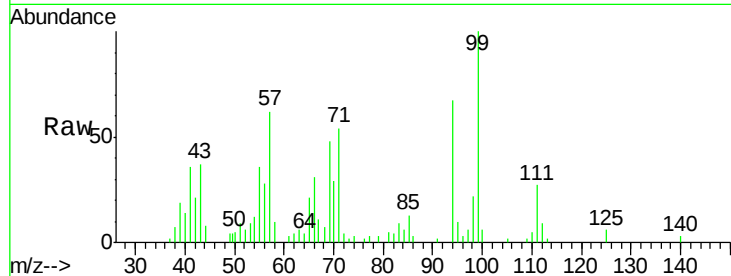
Concen: 2.295 ng/ul
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG042189.D
Acq: 13 Aug 2019 20:24

Instrument :
BNA_G
ClientSampleId :
ETOB5

Tot Ion	Ratio	Lower	Upper
94	100		
65	31.2	25.8	38.6
66	46.5	31.8	47.8

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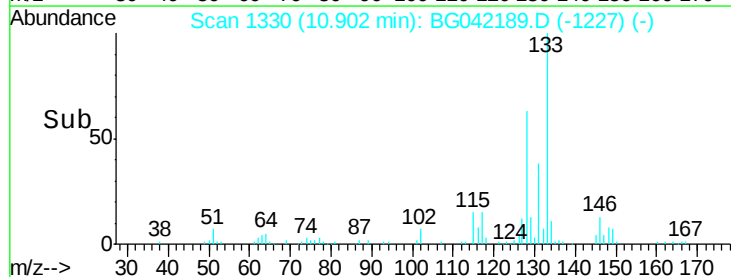
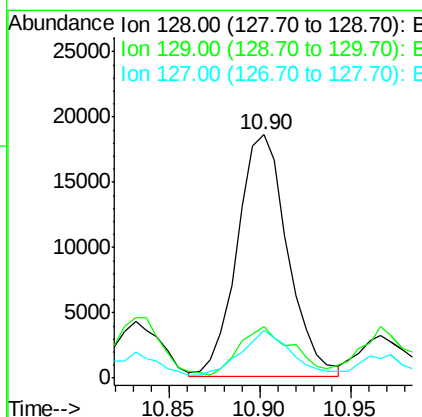
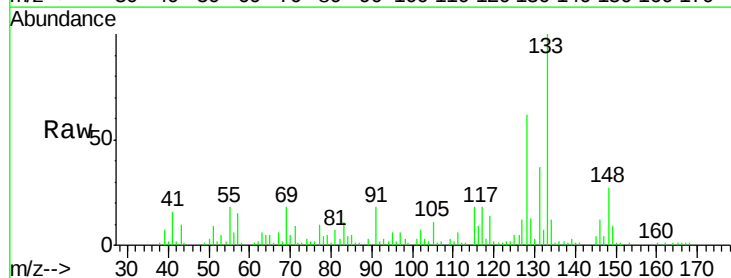


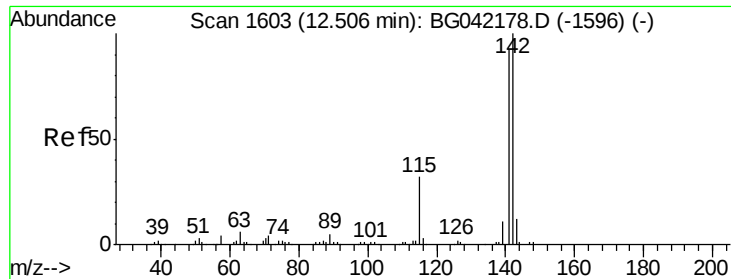
#28

Naphthalene

Concen: 2.500 ng/ul
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG042189.D
Acq: 13 Aug 2019 20:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	20.9	9.5	14.3#
127	19.6	11.4	17.0#





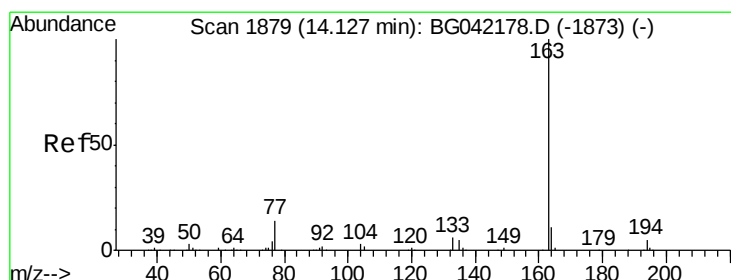
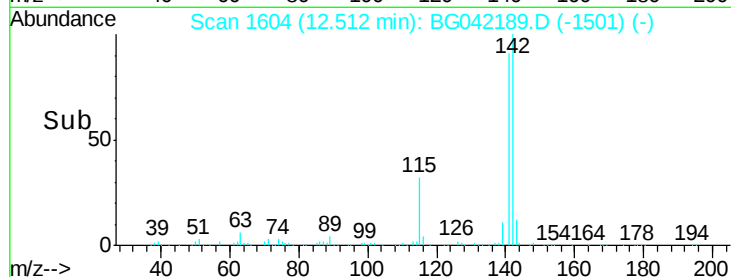
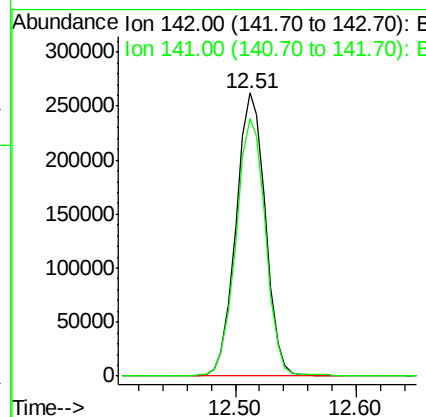
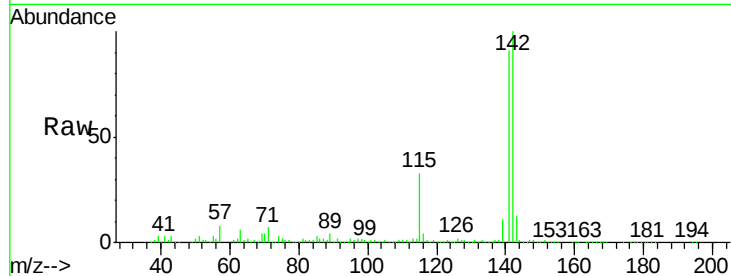
#34
2-Methylnaphthalene
Concen: 38.813 ng/ul
RT: 12.51 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG042189.D
Acq: 13 Aug 2019 20:24

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:142 Resp: 443108
Ion Ratio Lower Upper
142 100
141 91.2 72.9 109.3

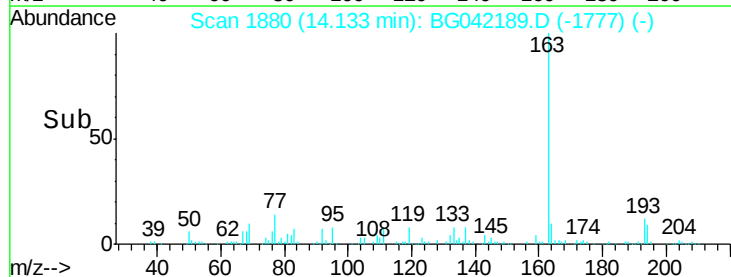
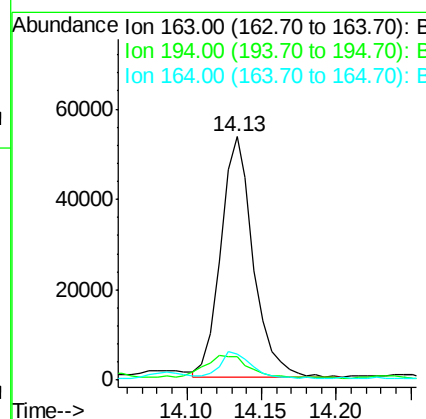
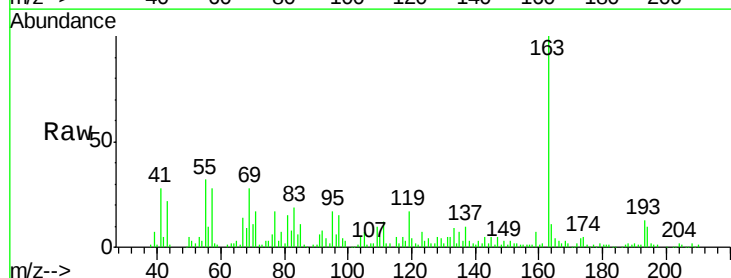
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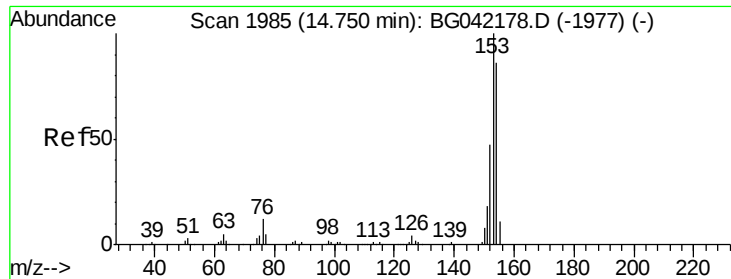
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#44
Dimethylphthalate
Concen: 5.329 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042189.D
Acq: 13 Aug 2019 20:24

Tgt Ion:163 Resp: 80625
Ion Ratio Lower Upper
163 100
194 9.6 4.2 6.2#
164 10.5 7.8 11.8





#49

Acenaphthene

Concen: 3.049 ng/ul

RT: 14.75 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

Instrument :

BNA_G

ClientSampleId :

ETOB5

Tot Ion:153 Resp: 37458

Ion Ratio Lower Upper

153 100

152 52.0 37.8 56.8

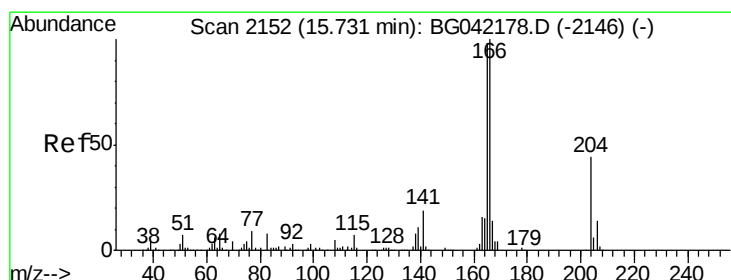
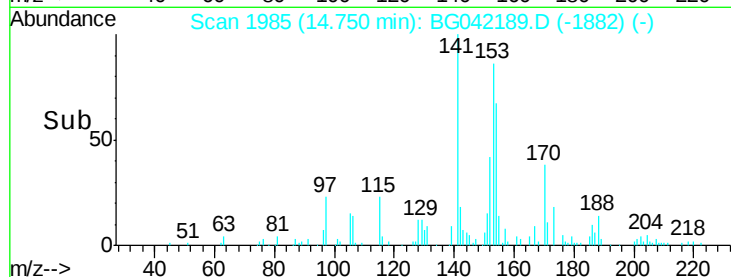
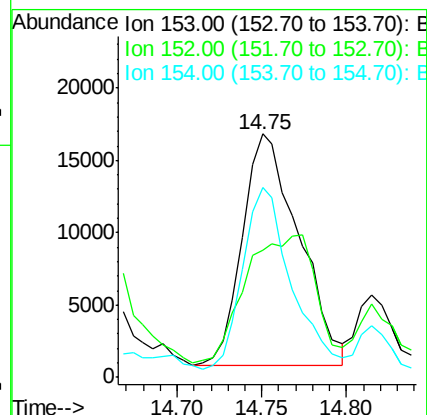
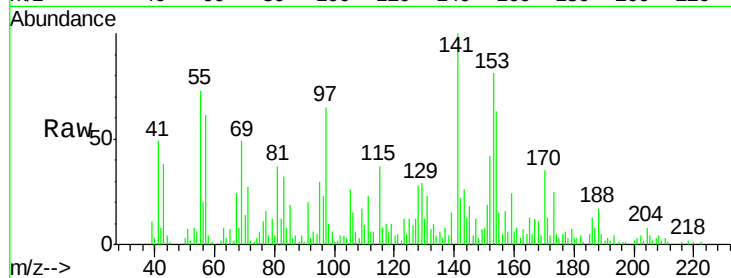
154 78.2 69.4 104.2

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#58

Fluorene

Concen: 4.259 ng/ul

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

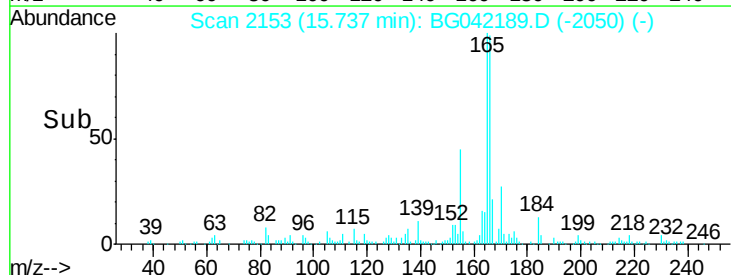
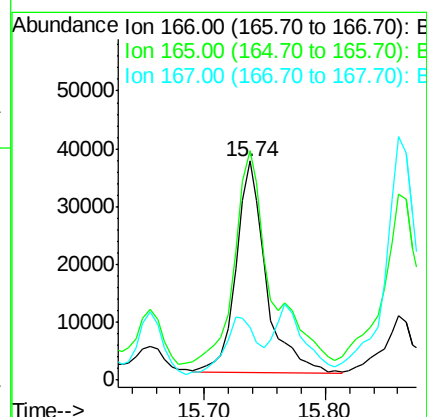
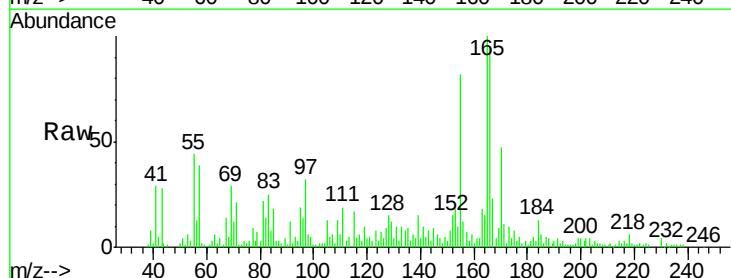
Tgt Ion:166 Resp: 62898

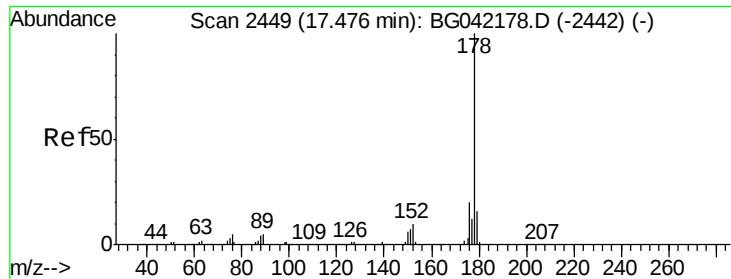
Ion Ratio Lower Upper

166 100

165 105.0 81.1 121.7

167 23.9 11.0 16.4#





#69

Phenanthrene

Concen: 11.435 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

Instrument :

BNA_G

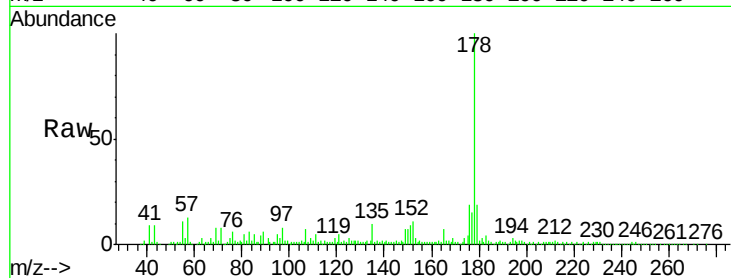
ClientSampleId :

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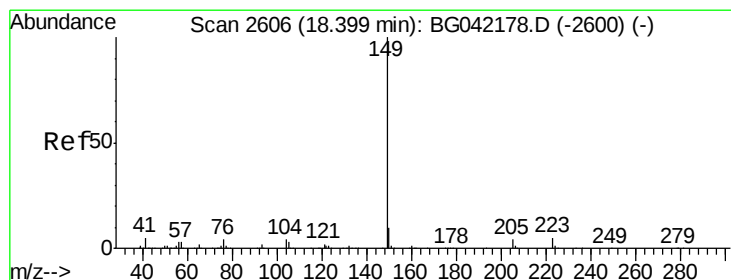
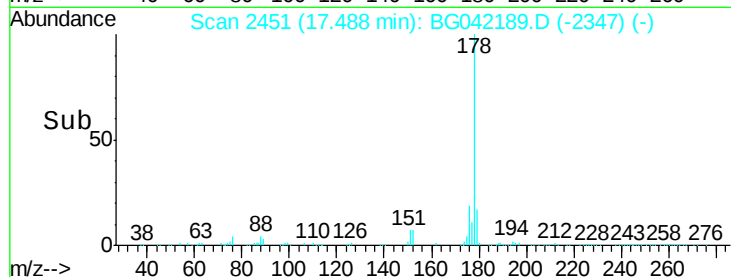
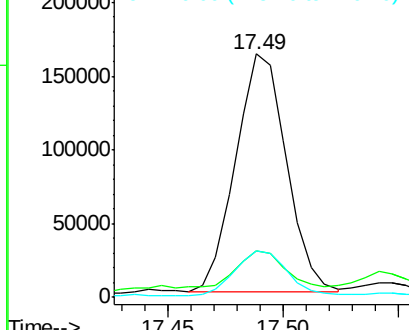
Tot Ion:	178	Resp:	248308
Ion Ratio	Lower	Upper	
178	100		
179	19.1	12.8	19.2
176	19.1	15.4	23.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Di-n-butylphthalate

Concen: 2.006 ng/ul

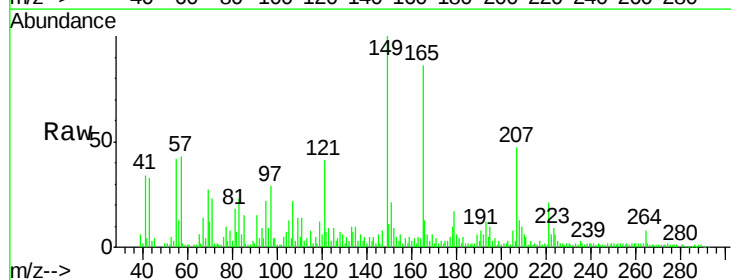
RT: 18.40 min Scan# 2607

Delta R.T. 0.00 min

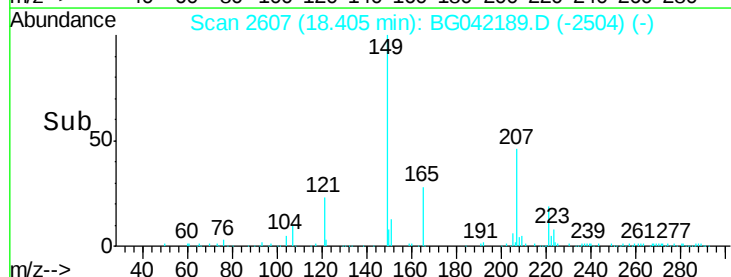
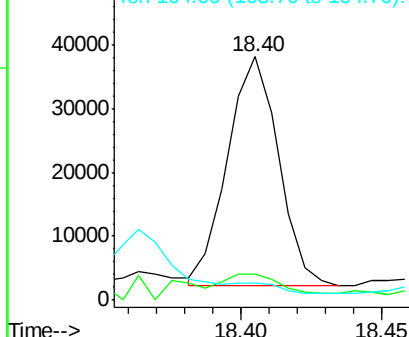
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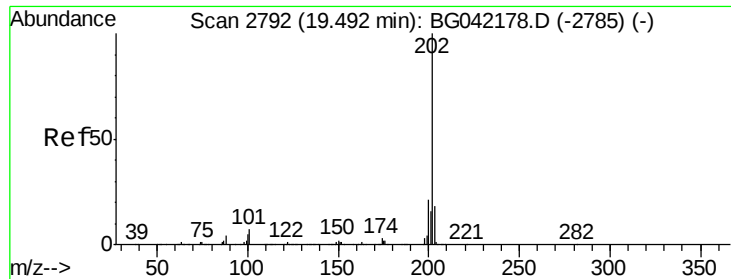
Acq: 13 Aug 2019 20:24

Tgt Ion:	149	Resp:	45105
Ion Ratio	Lower	Upper	
149	100		
150	10.8	8.3	12.5
104	7.2	3.9	5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





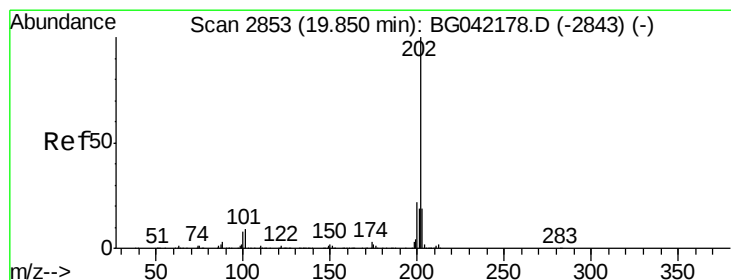
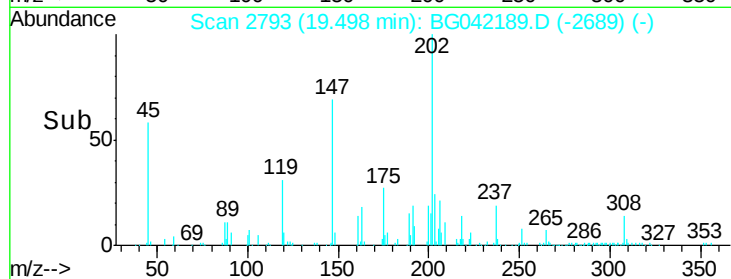
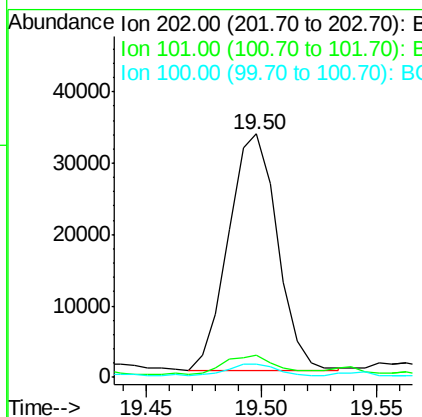
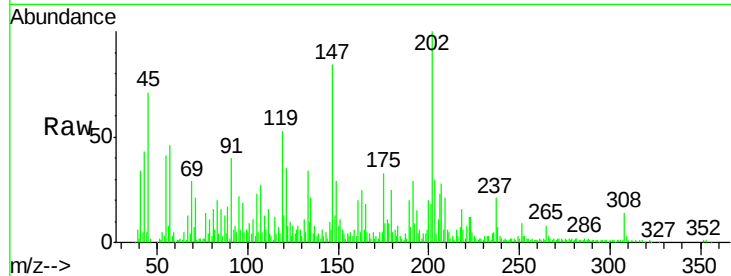
#76
Fluoranthene
Concen: 1.937 ng/ul
RT: 19.50 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BG042189.D
Acq: 13 Aug 2019 20:24

Instrument :
BNA_G
ClientSampleId :
ETOB5

Tot Ion:	202	Resp:	48590
Ion Ratio	Lower	Upper	
202	100		
101	9.1	6.7	10.1
100	5.4	5.3	7.9

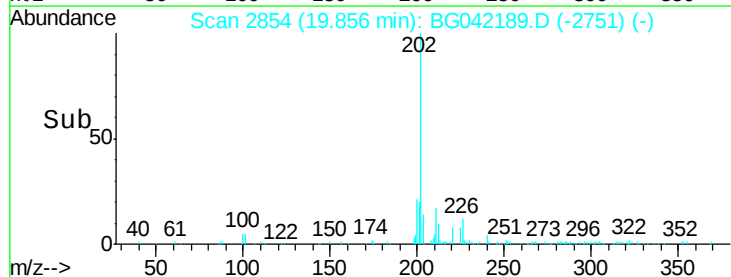
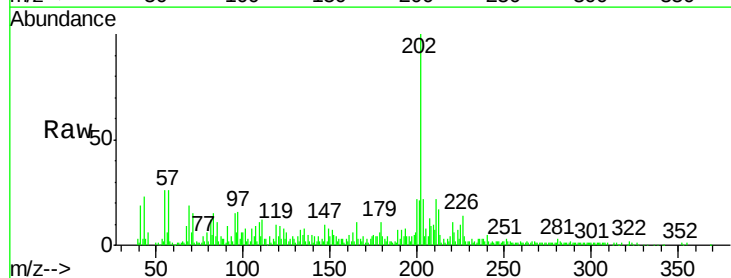
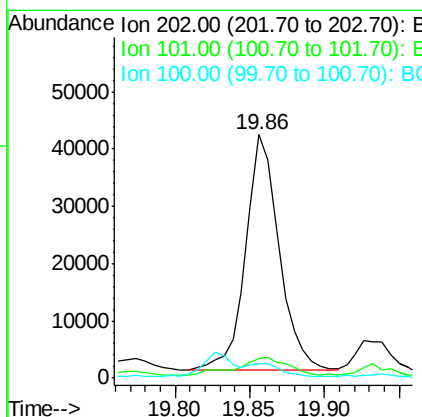
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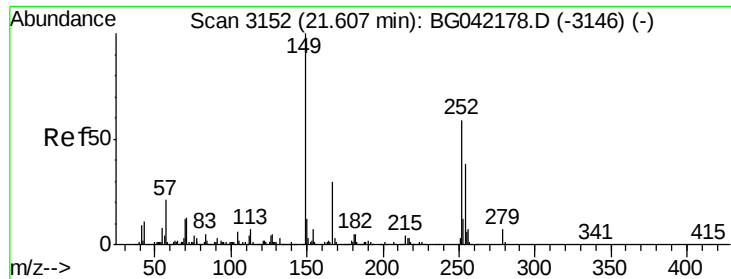
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#79
Pyrene
Concen: 2.286 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG042189.D
Acq: 13 Aug 2019 20:24

Tgt Ion:	202	Resp:	63814
Ion Ratio	Lower	Upper	
202	100		
101	8.0	7.6	11.4
100	6.1	6.5	9.7#





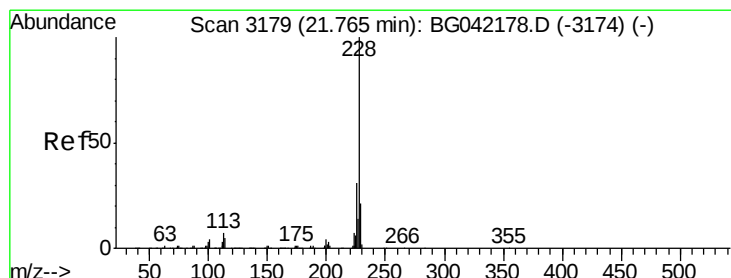
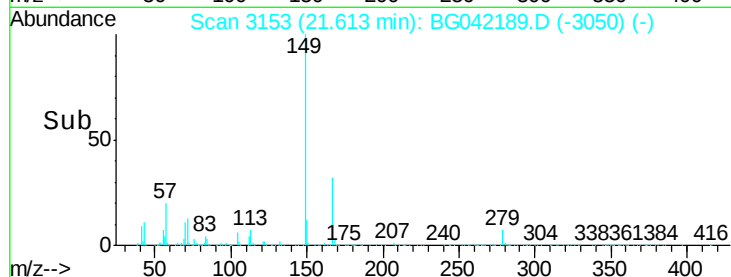
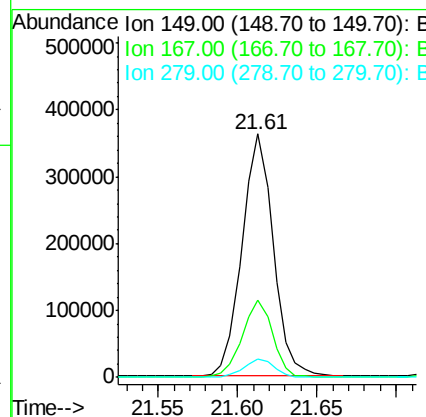
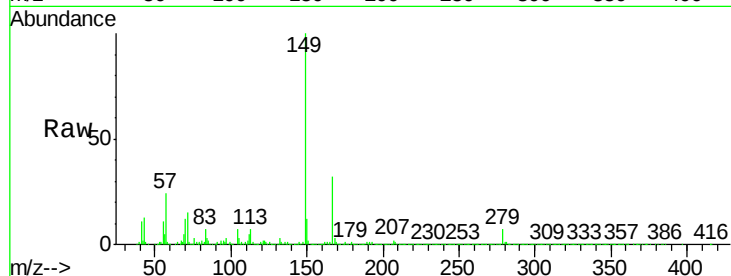
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.883 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042189.D
 Acq: 13 Aug 2019 20:24

Instrument :
 BNA_G
 ClientSampleId :
 ETOB5

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.9	25.0	37.4
279	7.3	5.2	7.8

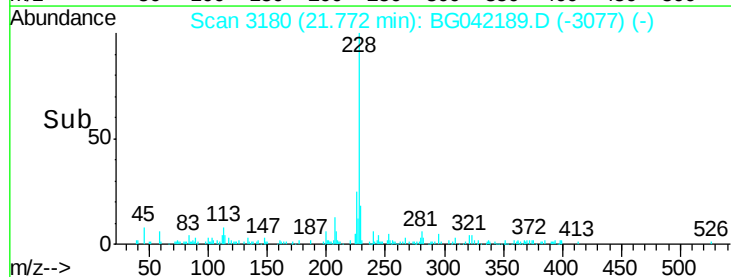
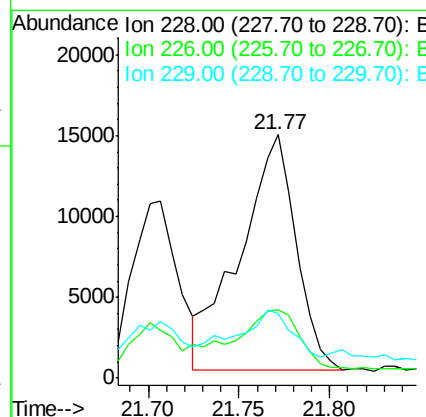
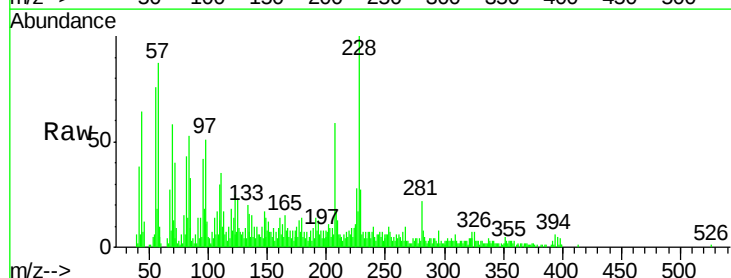
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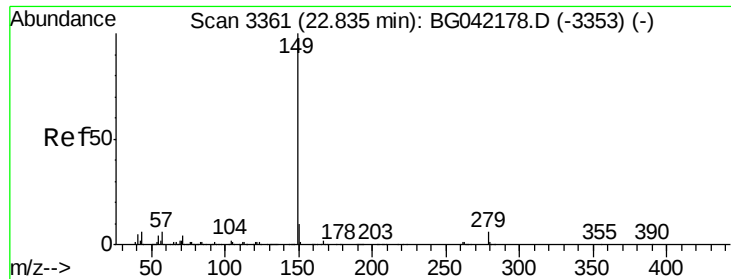
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#84
 Chrysene
 Concen: 1.167 ng/ul
 RT: 21.77 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: BG042189.D
 Acq: 13 Aug 2019 20:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.7	38.5
229	26.6	16.6	24.8#





#86

Di-n-octyl phthalate

Concen: 1.733 ng/ul

RT: 22.85 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

Instrument :

BNA_G

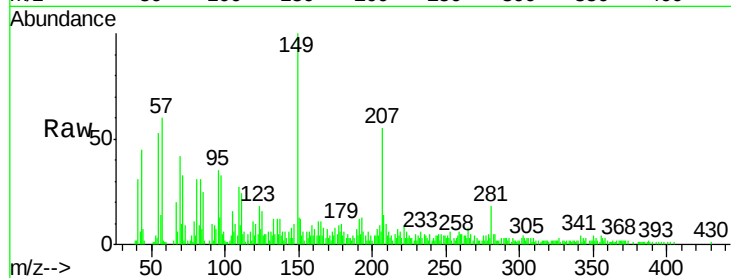
ClientSampleId :

ETOB5

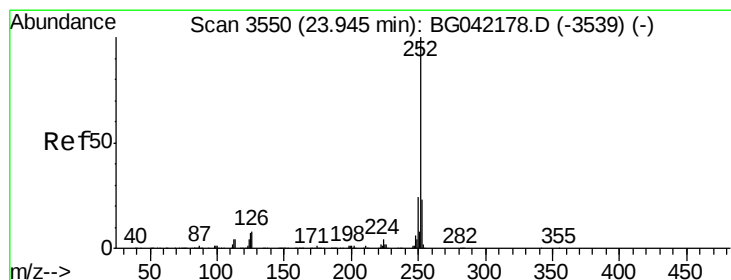
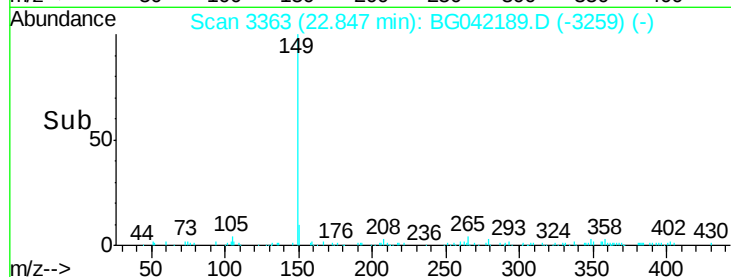
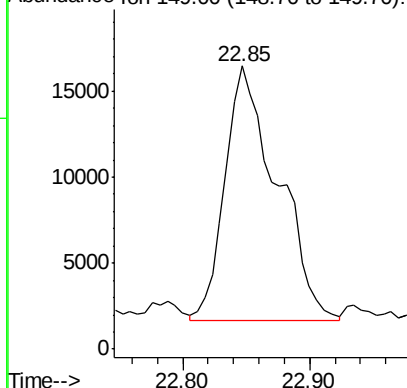
Tgt Ion:149 Resp: 42155

Manual Integrations
APPROVED

mohammad
8/20/2019 8:36:03 AM



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 1.049 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

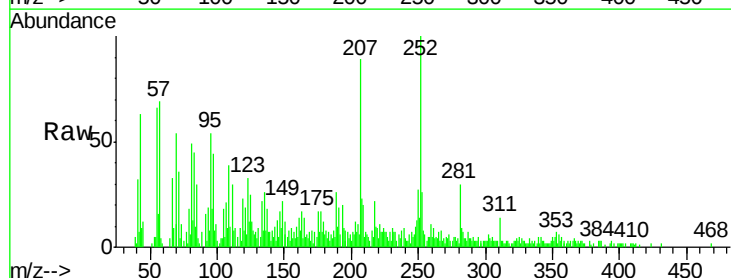
Tgt Ion:252 Resp: 32355

Ion Ratio Lower Upper

252 100

253 25.8 18.4 27.6

125 25.2 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E

